

NOTAS

•
• 9804 - 9923
•



Arthur Cronquist
New York Botanical
Garden
New York 58, N.Y.
U.S.A.

~~2900~~ November 4, 1962
pl. oak-pine woods in
the mountains about 32
road miles west of Ayutla,
and about 70 miles northwest
of Ocotlán, state of Jalisco,
México. Elevation about
6300 feet. Disk yellow.
Ray 1-5, typically 5, white.

Calea sp.

Calea (10)

V. 582

9805 - November 4, 1962,
Same place as 9804.
Flowers white, Plants
single-stemmed.

Eupatorium lemmonii Rob.

Eupatorium (5)

9806 - November 4, 1962
In wet soil along the edge
of a creek in the mountains
about 32 road miles west
of Aguila, and about 70
miles northwest of Acapulco,
state of Jalisco, Mexico.
Elevation about 6300 feet.
Disk yellow. Rays white,
mostly 8.

Cosmos mcraughii Sherff
det. E.E. Sherff

Helianthus (9)

7507- November 5, 1962
open oak-pine woods in
the mountains about 19
road miles west of Ayutla
and about 60 miles north-
west of Acapulco, state
of Jalisco, Mexico. Elevation
about 6100 feet. Plants 6-8
dm. tall, much branched,
shrubby below the
branches of the season
somewhat glaucous. Heads
white, with one or two
ray. anthers green.

Guardiola mexicana Humb. &
Bonpl.

Guardiola (10)

9808 - November 5, 1962
Subtropical deciduous
forest about 11 miles
south of Acatlan,
state of Jalisco, Mexico.
Elevation about 4000 feet.
Scrambling arborescent
shrub up to about 4
m. tall, the trunk up to
about 1 dm. thick at the
base. Heads bright deep
orange. Achenes flattened,
winged. Pappus a pair of awns.

Verbesina Crocata (Cav.) Less.

2000

Verbesina (8) ✓

October 7, 1962 - 9809

Marshy meadow about 4.5 miles west of Guasacatlan, and a few miles southeast of Guadalajara, state of Jalisco, Mexico. Elevation about 5000 feet. ~~Leaves~~ Plants rhizomatous, single stem arising from the base. Heads yellow, with typically 5 rays, these apparently fertile. Achenes long, narrow, somewhat flattened but not winged.

Bidens aurea (Ait.) Sherff
dupl. det. E. E. Sherff

112 2

680.5
83.0

Cereopsis? (5)

9810 - November 7, 1962.

Same place as 9809.

Plants single-stemmed
from a short taproot,
up to 1 m. or ~~more~~ more tall.
Disk bright yellow. Ray
solitary, rather pale yellow.

Schkuhria schkurioides (Link &
Otto) Thellung

add Helianthus

⑧

~~Atotonilquillo, Jalisco, U.S. 1962~~

9811 November 7, 1962

In shallow standing water at
the edge of Atotonilquillo,
about 25 miles southeast of
Guadalupe, State of
Jalisco, Mexico. Elevation
about 5000 feet. Plants
evidently annual, but
the stem coarse at the base.
~~1~~ Heads yellow, with
13-39 rays.

Olivaea tricuspis Sch.-Bip.

~~Atotonilquillo, Jalisco, U.S. 1962~~

~~719~~

~~13.19~~

~~26.4 gwt~~

~~47.8 "~~

Olivaea ⑦

9812 - November 8, 1950
Grassy site along a creek
in the bajana of the
Rio Grande de Santiago,
about 5 road miles north-
west of Guadalajara, state
of Jalisco, Mexico.

It has a beautiful bottom
topography. Elevation

3500 feet

Grass, some shrubs
and small trees. Soil
fertilized.

Eupatorium quadrangulare DC.

Eupatorium

(4)

~~San Antonio, Texas~~

November 8, 1962

Shrub in shade of
tropical deciduous
forest not far above the
bottom of the barranca
of the Rio Grande de Santiago,
about 5 road miles north-
east of Guadalajara, State
of Jalisco, Mexico. Eleva-
tion about 3500 feet.
Flowers inconspicuous

Ardisia diffusa (Hook.) Gray

Brickell (2)

- November 8, 1962

Openings in ~~the~~ subtropical
deciduous forest not far
above the bottom of the
baranca of the Rio Grande
de Santiago, about 5 road
miles northeast of Guadalupe,
state of Mexico.
~~Shrub. The~~
~~same species also observed~~
~~near the top of the baranca~~
about 3500 feet. The same
species observed near the
top of the baranca, at
nearly 5000 feet. Shrubs
1-1.5 m. tall. Heads yellow
with ^{neutral} B- (2 rays). Ray a-kenes
empty, with a pappus of 3 small
scales. Pappus of 10-12
scales and about 4 shorter
scales. *Viguiera dentata* (Cav.) Spreng.
var. *canescens* (DC.) Blake

9555 - November 8, 1962

In subtropical decid-
uous forest zone in the
barren area of the Rio Grande
de Santiago, not far below
the top, about 5 road miles
northeast of Guadalupe,
state of Jalisco, Mexico.
Elevation about 4500 feet.
Shrubs about 1 m. tall.
Heads yellow.

Trixis hyposericea S. Wats.
Type locality

Trixis (10)

TS 16 - November 8, 1962
Same place as 9815, but
elevation about 5000 feet.
Much branched shrubs,
less than 1 m. tall, with
drooping leaves.

Stems white, with
one or no rays. Anthers
yellow

Guardiola angustifolia (Gray) Rob.

Nov. 8, 1962 (4)

July 2: 1962
A small plant
15 mm. high
in the soil, La Barranca,
State of Jalisco, Mexico
Elevation 5000 ft.

Plants mostly less than 1 m.
tall. Heads orange-yellow.
Leaves 1-3 dm.

Coreopsis cordylloides Gray

10 Aug 1962 10

9818 - November 9, 1960
Same place as 9817. Plants
about 6 dm tall. In flower
flowers about 10 cm toward the
base. Rays 10-13.
Many yellow. Ditch grass.

Same place as 9817. (4/25/61)

same place. (6)

9200 ft. 12000 ft. 12000 ft.
In open oak grass country
about 15 miles north of
Guadalupe, state of Mexico,
middle. Elevation
about 5100 feet.

Shrubby plant about 15
m. tall. Leaves oval, pa-
linate. Achenes compressed-quadangular,
not winged; pappus of 4 short,
broad, laciniate-fringed
scales. Ray achenes apparently
sterile, with reduced pappus.

? *Viguiera parvicaulis* (DC.) Benth.

3)

5820 November 9, 1962

Open, grassy, northwest slope
of small mountain oak-grass
savanna region about 10 road
miles north of Guadalupe, on
road to San Cristóbal de la
Baranera, state of Jalisco, Mexico.
Elevation about 5,000 feet
Shrubs 8-15 dm. tall. Flowers
white

Calea albida Gray

Small tree 100

9821 - November 9, 1962.
Open oak grove savanna
about 17 road miles
north of Yucáá Yipá, on
the road to San Cristóbal de la
Cruz, state of Yucatán.
Elevation about
5200 feet.

Plants about 1 m. tall, shrubby, toward the
Ray 5, light yellow. Disk ^{very}
orange.

Cosmos landii Sherff

Cosmos (2)

7622. November 9, 1962.
Open oak-wood savanna
occurring about 23 road
miles north of Tepic,
on the road to San Cristobal
de la Barranca, state of
Jalisco, Mexico. Elevation
about 1400 m.
Plants shrubby, 2-3 m. tall.
The base of the plant is
woody. Leaves are large,
about 10 cm. long, 5 cm. wide,
with reduced pappus. Achenes
plump, extremely hispid, con-
stricted at the top into a small
ring that is crowned by a pappus
of several short, more or less
connate scales.

Aspilia angusta Blake

9874 - November 9, 1962

Rachy, hydrothermal cones
in the barranca of the Rio
Grande de Santiago, about 25
miles north of Guadala-
lara, state of Jalisco, Mexico.
Elevation about 4500 ft.
Plants several-stemmed,
shrubby or tree, up to 10 ft. t.
tall, flowers white

Eupatorium thyrsoiflorum
(Greene) Rob.

9805 - November 9, 1960 -
Same place as 9804.
Shrub about 1-1.5 m. tall.
Flowers white

Stevia subpubescens Lag.

20. 11. 60

822 - November 10, 1962
Shady places in small
ravine in subtropical
deciduous forest 5 road
miles southwest of
Mezquital del Oro, and
about 45 road miles north
of Guadalajara, state of
Zacatecas, Mexico.
Elevation about 4300 feet.
Stems solitary.
Flammaria laevis - pink.

Stevia elongata HBK. 1

4562

10. 1 - 10. 10. 10, 1962
In open grassy area
about 7.5 miles
southwest of Mezquital
del Cano, and less than a
mile from the boundary
of Jalisco, about 42 miles
north of
Zacatecas, Mexico. Eleva-
tion about 4500 feet.
Stems numerous, clustered
upright, much branching.
Flowers dull whitish

Brickellia scoparia (DC.) Gray

Brickellia (8)

7828 - November 13, 1962

Pale, alkaline, probably
gypsiferous soil in dis-
tributed 3 are along the
road in Larrea association,
about 58 miles north of
Matuhala, state of
Durango, Mexico.
elevation about 6000 feet
Heads yellow, with
mostly 8 rays

Hymenoxys odorata DC.

Hymenoxys (7)

9639 - November 13, 1957
In shaly, disturbed sites
along the road in Llanos
Comunales, about 3 miles
south of San Rafael, and
about 75 miles north
of Matanzas, state
of Nuevo Leon, Mexico.
Elevation about ~~to~~
6200 feet.

Dicranocarpus parviflorus
Gray

(200)
3130

✓

Dicranocarpus (2)

9830 - November 13, 1962
In shaly, disturbed
sites along the road in
Larrea community about
3 miles south of San Roberto,
and about 75 miles north
of Mazatlán, state of
Michoacán, Mexico.
Elevation about 6200 ft.
Heads yellow, with 2-5
rays.

Psilostrophe gnaphalodes
DC.

2-5
Psilostrophe ①

2581 - November 13, 1960
Same place as 2580
Low shrub mostly 2-3
ft. tall. Heads yellow.
Rays typically 8,
sometimes only 5, neutral.
Achenes compressed-quadrangular.
Pappus none.

Viguiera greggii (Gray) Blake

9832 - November 13, 1962
Same place as 9830.
Heads yellow, with
about 13 rays.

^s
Dysodia pentachaeta (Oc.) Rob.

^s
(6)

9833 - same as 9830
Same place as 9830.
Freely branched, glabrous,
~~and~~ sweetly aromatic.
Shrubs 6-15 dm. tall.
Hairs dull yellow.

Flourensia cernua DC.

Flourensia (16)

9834- November 13, 1962
Same place as 9830.

Freely branched shrubs
3-4 dm. tall, wider
than high.

Flowers whitish

Brickellia veronicaefolia (HBK.)
Gray

Brickellia ⑨

2835 - 4 ... 13, 1962

Low half shrub 1-3 dm.
buds flowers whitish

Brickellia veronicaefolia (HBK.)
Gray

Low *Brickellia* (8)

9836 - November 13, 1962
Same place as 9833.

Plants with long, stout
rhizomes and more or
less caespitose stems.
Heads yellow.

Solidago velutina DC.

Solidago (4)

9837 Dec. 13, 1962
Same place as 9832.
Flowers ~~pink~~ bright
lavender pink.

Perezia nana Gray

Perezia (5)

9838 - 11/10/1913, 18, 19, 20
Same place as 9830.
Heads yellow.

Dysodia acerosa DC.

Hyalocampa (5)

9337 - December 13, 1962
Disturbed sites along
the road in limestone
area in ~~La~~ ~~area~~ ~~association~~
40 miles south of ~~San~~ ~~Antonio~~
~~state of~~ ~~San~~ ~~Antonio~~ 5 miles
south of the Coahuila
boundary, state of Nuevo
Leon, Mexico. Elevation
about 6300 feet. Herbs
orange, with greenly bracts.
Faintly aromatic, the odor
somewhat like that of
cinnamon.

Dysodia subintegerrima Lag.

6 rows
T ag 10 3

9800 - November 13, 1962

In low places along the roadside in Jarra associated 6 miles north of Saltillo, state of Coahuila, Mexico. Elevation about 4700 feet. Shrubs or half shrubs up to about 1 m. tall. Heads yellow, with mostly 8 rays, these pistillate and fertile, the pappus represented by a hairy fringe at the top. Disk achenes without pappus.

Zaluzania robinsonii W.M. Sharp

2000 (5)

July 13, 1952
in the
in Larra association
17 miles south of San
Joaquin, and about 60
miles south of Guadalupe,
State of Sonora, Mexico
Elevation about 3400 feet.
Finely branched shrubs
5-15 dm tall. Heads gelatinous,
about 13-21 rays.
Pappus none. Ray achenes sterile.

Viguiera stenoloba Blake

July 13, 1952
- 13-21 rays

July 15, 1952
13-21 rays
- Chupacabra (7)

9847 - November 13 1902
In rock crevices in
the canyon 5 miles north
of San Jago and 40 miles
south of Maricao, state
of Coahuila, Mexico.
Elevation about 3700 feet.
Internately branched
stems 3-6 dm. tall.
Flowers white or faintly
pinkish, 4-11 per head.

Eupatorium wrightii Gray

collected (6)

7863. Jan. 18, 1902

In dry, gravelly
sandy soil, and on
sloping roadside banks
along the highway 5 miles
north of San Lazaro, and
40 miles south of Managua,
state of Coahuila, Mexico.
Elevation about 3700 feet.
Shrubs or half. Some up
to about 6 dm. tall.
Leaves and young branches
succulent. Heads yellow

Perophyllum scoparium Gray

P. pubescens (L.)

2227

669

332 2227
1998

2290
1995
2920
2297

58599
54183

4416

Recurring: 54183
returned: 58599

062.0
52.8

Indian Eggs
Lat Wells

253.6 Ca 3
399.0
3
558.78

Long Center Camp

132.7
156.9

Needles

240.7 500

Camp

267.4 1300

Long Center Camp

97.7 3600

Mining

587.7 1100

veg

753.0 24007

Lake

26.4

Search for

1.0.0 11000

9884. April 21, 1971.

Apache, Mohave Co.

In very sandy soil along
bottom of the Y. & N. river
near highway U.S. 91, 2.5 miles
northwest of Mesquite, Nevada
desert bush community.

Elevation about 2000 m.

Stems prostrate or near so
forming loose mats. The
lowest part of the stem is
in sand. Corolla small, about
5 mm long. Lateral lobes
slightly longer than ventral
lobe.

Astragalus nuttallianus A. DC.
lax. imperfectus (Rydb.) Barneby
et R. C. Barneby

Astragalus (35) ✓

1885 - April 29, 1964

Cholla, San Diego Co.
In sandy, granitic soil with
Atriplex on hilltops in
Colorado Zone 23 miles
north of Escondido. Elevation
about 1000 feet. with sunflower
and some Ray's, pale yellow

Lasthenia (C. la) chrysostoma
(F. & M.) Ornduff

Barred (4) 1964

7976 April 25, 1964
California, San Diego Co.
with Adenostoma and
Eriogonum on granitic hill
in chaparral zone, 23 miles
north of Escondido.

Elevation about 1000 feet.

Broadly rounded low shrub
about 3 dm tall or scrambling
to 15 dm. Corolla bright
blue-purple; anthers yellow
filaments green.

Solanum parishii Heller

✓
(9) Shrub #1

April 25, 1964
California, San Diego Co.
on a granitic slope,
with *Adiantum* and
Yucca, in chaparral
about 3 miles north of
Escondido. Elevation
about 1000 feet.
Plants terrestrial, many stem-
med, usually below 5-12
in tall, sometimes \pm
scrambling. Heads sunflower
type. Rays 5.

Eriophyllum confertiflorum (Dr.)
Gray

Eriophyllum confertiflorum (5) ✓✓ photo #12

9885 April 26. 1964

California, San Diego Co.

in sandy, granitic soil at Cam
summit 2 miles north of
Tecate (Mexico), in Chaparral
community dominated by
Adenostoma. Elevation about 1500
feet. Twp. 18 S., R. 3 or 4 W.
shrubs 1-2.5 m. tall, sparsely
distributed. Flowers yellow

Penstemon antirrhinoides Benth.



1837 - April 26, 1964

Same place as 1836

Flowers rich blue-violet
Seeds numerous, reticulate-pitted.

Phacelia parryi Torr.

Phacelia

(30)



9890- April 26, 1964

Same place as 9888

Heads yellow. Rays mostly
5 or 8, less often 6 or 7

Eriophyllum wallacei (Gray)
Gray

Eriophyllum (5) ✓✓

4291- April 26, 1964

California, San Diego Co.

Climbing to 2 m. or more in
shrubbery, chaparral vegetation,
dominated by *Adenostoma*,
at low summit 2 miles north
of T. Gate (Mexico) of Lower
Crimson. Leaves somewhat
glaucous, especially beneath.
Elevation about 2000 feet.
Twp. 18 S., R. 3 or 4 W.

Lathyrus splendens Kell.

Lathyrus

(16)



9892 April 26, 1964,
California, San Diego Co.
Climbing in shrubbery, in
chaparral vegetation dominated
by *Adenostoma*, at lower
summit 2 miles north of
Tecate (Mexico). Elevation
about 2000 feet. Twp. 18 S., R. 3 or 4 W.
Sepals 4 or seldom 6, white
or faintly greenish. Stamens
achrooleucus.

Clematis pauciflora Nutt.

9. 10. 10 (6) ✓

9873 April 26, 1964

same place as 9888.

Plants pungently hispid.
Flowers lavender.

Phacelia cicutaria Greene
var. *hispida* (Gray) J. T. Howell

Phacelia

⑧



9894 - April 26, 1964

Same place as 9888.

Flowers white. Plants mostly
falling into two classes on
the basis of corolla size,
otherwise apparently identical.
Style obviously surpassing
the nectary, these conspicuously
tuberculate.

Cryptantha muricata (H. & A.)

Nels. & Macbr.

✓

very to the

(10)

-abundant?

9392, April 27, 1964

Imperial Co.
Sand dunes 2.2 miles west
of Yuma, Arizona.

Elevation about 100 feet

Stems solitary or loosely
caespitose. The widely spreading
rhizomes (or roots?) deeply
buried in the sand. Corolla
pale pinkish, almost white.
Anthers more evidently
pinkish. Plants
up to about 1 m. tall,
openly branched.

Pale pinkish. Linum's (C. L.)
var. gl.

Brickellia

(7)



9896. April 27, 1964
Same place as 9895

Plants loosely colonial, the
lower part of the stem
deeply buried in the sand.
Rays yellow, mostly 13 (14).
Disk coral-red with yellowish
tubel and reddish-purple lobes.

Helianthus tephrodes Gray

93

April 21, 1958

Arizona, Yuma Co.

Sandy bottom along
dry wash about 12 miles
east of Yuma. Elevation
about 200 feet.

Bushy trees up to about 6 m.
tall, the trunk up to 3 dm.
thick at the base. Branches and
twigs green, the twigs slightly
blue-glaucous. Flowers yellow.

Cercidium floridum Benth.

1958

P. Colorado



photo 115

photos 7 & 8:

7: Acetillo, flowering bush
in the desert 21 miles
northwest of Yuma, Arizona
with creosote & *Franseria* 065.4

8: Creosote bush. same place.
at midpoint 46

5 miles south of Desert
Yuma Is: many of *Canaligos*
with *Carrea*

9313 April 27, 1964
Arizona, Yuma Co.
Along the banks along
dry wash in the desert
40 miles northeast of Yuma
and 43 miles south of Quartzite.
Elevation about 1000 feet.
Stems branched & shrubs up
to about 7 dm. tall. Twigs
green, woody and shortly
hispid below. Heads yellow.

Crobia juncea (Benth) Greene
This same has been identified
as *Crobia juncea*.

860

6.1.13 (35) ✓ ✓

photo #7

9899 - April 28, 1964

Same place as 9898.

Shrubs up to about 9 dm. tall.
Heads yellow. Rays 8-14, often 13.

Eucelia farinosa Gray

9899

7



photo #110

99... - April 27, 1964

Same place as 9898.

Shrubs up to about 6 dm. tall.
Flowers yellow.

Trixis californica Kell.

Perlycia (4) ✓ ✓

... All

9901 - April 27, 1964

Same place as 9898

Shrub up to about 2 m. high.
Leaves becoming glaucous on
both sides. Inflorescences
reflexed. Flowers greenish.

Simmondsia chinensis (Link.) Schneid.

Simmondsia

15



photo # 12

9902 - April 27, 1964
In sandy gravel along the
bottom of a dry wash in the
about 40 miles northeast of
Yuma and 43 miles south of
Quantico, Yuma Co., Ariz.
Elevation about 1000 feet.
Plants whitish.

Chromosome number determined
by James L. Reveal as $n = 20$.

Eriogonum deflexum Torr.
var. *brachypetum* (T. & G.) Munz

Eriogonum

3 ✓

9933 - April 28, 1964

Gravelly banks of dry wash in
the desert 40 miles northeast
of Yuma and 43 miles south of
Quartzite. Yuma Co., Arizona.
Elevation about 1000 feet.

Loose, finely branched shrubs
up to about 1 m. tall. Flowers
pale yellowish.

Brickellia coulteri Gray

Brickellia

✓
(4)

99:4 April 28, 1964

~~In ~~the~~~~

Arizona, Yuma Co.
in sandy gravel along the bottom
of a dry wash in the desert
40 miles northeast of Yuma
and 43 miles south of
Quartzite. Elevation about
1000 feet

Euph. polyrrhiza Boiss.
or *hirtella* Boiss.

Euphorbia (Chamaejasme) 3 ✓

9905 - April 28, 1964

Arizona, Yuma Co.

Sandy gravel along the bottom
and margins of a dry wash
in the desert 4 miles north of
Quartzite. Elevation about 1000 feet.
Twp. 5 N., R. 18 or 19 W.

Shrubs up to about 8 dm. high.
Heads yellow.

Encelia frutescens Gray

Encelia

35

10/2/64

photo # 3. sample locations
9905 - 4 miles W. of Quartzburg
mesquite ,

9966 - April 28, 1964

Arizona, Yuma Co. Sandy, gravelly
bottom of dry wash in the desert
4 miles north of Quartzite.

Elevation about 1000 feet.

Twp 5 N, R. 18 or 19 W.

Annuals. Stems bright green,
somewhat glaucous. Inflorescence
whitish.

Chromosome number determined
by James L. Reveal as $n=20$.

Eriogonum deflexum Torr.
var *brachyrodum* (T. & G.) Munz

Eriogonum

(10)



April 23, 1944

Yuma Co.

Travelled along the
margin of a dry wash in
the desert 4 miles north of
Quartzite. Elevation about
1000 feet. Temp. 5 N., R. 18 or 19 W.

Mineral on # 5

, and then very
submerged quite bit. Petal
bluish purple, the
head bright white, juice
with a rather unpleasant odor.

Sarcostemma cynanchoides Desne.
subsp. *hortwegii* (Vail) R. Holm

Asclepias (4) ✓

7708 - April 28, 1964
California, San Bernardino Co.
In sandy soil in a broad,
open, shallow, dry wash
in Larrea desert about 24
miles northwest of Needles,
Calif. and 28 miles south
of Leavittville, Nevada.
Elevation about 1700 ft.
Twp. 11 N., R. 20 E.

Perennial with a stout
taproot + multistemmed
from the base, the stems
erect - ascending, or the
central one erect. Flowers
white.

Stems

(13)



9909 - April 28, 1964
Same place as 9908.
Flowers white.

Oenothera reticulata Wats.

slender white *Oenothera* ① ✓

9910 - April 28, 1964

Same place as 9908.

Flowers white.

Scortichinia (H. & A.)

Green

Very good - a Muz

✓

✓

①

Same place? Or not? - all same?

111. April 29, 1964

California, San Bernardino Co.

Same place as 9915.

Shrub branched, broad leaved
roundish shrubs up to about 10 m.
high. Branches green with
a thin glaucous covering.
Flowers yellow. (old photo)
2-4 in. long.

Cassia armata Wats.

Crocin?

(35) ✓

photo # 3

9912 - April 29, 1964

Same place as 9908

Flowers yellow.

Chromosome number determined
by James L. Reveal as $n=16$.

Eriogonum reniforme Torr.

Eriogonum

(35)



773 April 29, 1960,

Same place as 770's.

Corolla minute, white.

Stamens finely tuberculate,
surpassed by the style, 3 of them
scarcely 1mm long, the 4th one
abaxial, slightly over 1mm long,
and more persistent than the
others.

Cryptantha angustifolia (Torr.)
Greene

Cryptantha (3) ✓

9914 - April 29, 1964

Same place as 9958. Much
branched half-shrubs up to
about 6 dm. tall.

Lepidium fremontii S. Wats.

Lepidium

(15)

✓
photo #4

975 - April 29 / 4.

Same place as 973.

Weakly branched spiny shrub
up to about 6 dm. tall.

Branches blue-gray

Leaves. Tip of the corolla rich
blue purple, the galea dull
greenish lavender, with
whitish margins

Salazaria mexicana Torr.

Hint. (2) Plant #5

9916 - May 1, 1968
Nevada, Nye Co. Gentile,
gravelly slopes above the
northwest end of ~~Franklin~~
Yucca Flat, not far below the
east base of Rainier Mesa,
about 39 miles north of
Mercury. Collocynthe
community. Elevation
about 5000 feet
Rays 5, yellow. Disk orange -
yellow.

Syntherisma (from fil Gray)

530 519.8
Eriophyllum

⑪ ✓

9917 May 1, 1964

Nevada, Nye Co.

Gravelly, limestone soil
a little above the bottom
of a dry wash, with
Coleogyne, Atriplex, and
Ephedra, a little above the
upper limit of the Larrea
community, 2 miles
northeast of Mercury. \times
Elevation 4300'.

Stems glaucous. Flowers
light yellow. Chromosome
number det. by James L. Reveal
as $n=16$.

Near the corner of Twp. 15-16S.,
R. 53-54E.

~~Eriogonum inflatum Torr.~~

E. trichosperma Torr. fide T. Howell,

May 21, 1964

Eriogonum

(11) ✓

9918 - May 1, 1964
Nevada, ~~the~~ Nye Co.
Rocky, northeast-facing
limestone slope with
Ephedra etc., a little above
the upper limits of the
Sarcobatus community, 2 miles
northeast of Mercury.
Elevation about ~~4700~~ 4700
feet. Twp. 15S., R. 54E.,

Plants mesphitic. Corolla
lavender, with light
yellowish throat.

near the corner of 14-15S.,
and 53-54E.

Gilia scopulorum Jones

Gilia (5)

9919 - May 2, 1964

Nevada, Clark Co.

Gravelly outwash slopes of the
Charleston Mts. near the bottom
of the valley between the
Charleston Mts. and the Sheep
Mts., about 2.5 miles S.W.
northwest of Las Vegas community.
Twp. 17S., R. 58E., about S. 25

Elevation about 3100 feet. ~~Common.~~

Stems & branches glaucous.
Flowers rather light yellow.

Only the larger plants with
inflated peduncles. Plants
abundant.

Chromosome number determined
by James L. Reveal as $n=16$.

Eriogonum inflatum Torr.

19-7, 10-8, 11-8

Eriogonum inflatum (5) ✓

9930- May 2, 1964

Nevada, Clark Co.

Gravelly outwash slopes of the
Charleston Mts., near the bottom of
the valley between the Charleston
Mts. and the Sheep Mts., about 25
miles northwest of Las Vegas, in
the Lanza community. Sparse,
and seen only where the soil is
influenced by peculiar clay
deposits which stand up above
the general level of the gravelly
fan. Twp. 17S, R. 58E., about S 25.
Elevation about 3100 feet.
Flowers lavender.

Phacelia pulchella Gray

var. *gooddingii* (Brand) J. T. Howell

Phacelia (3)

9921- May 2, 1964
Nevada, Clark Co. Same
place as 9919.

Plants moderately abundant.
Corolla flecked with
lavender-purple on a pale
lavender background.

Langloisia setosissima (T. & G.) Green.

446

Langloisia (5) ✓

9922 - May 3, 1964

Nevada, Clark Co.

On volcanic outcrops in Larrea
desert overlooking the Colorado
River, 10 miles east of Search-
light.

Elevation about 1500 feet

Brittle, soft-wooded shrubs or
half-shrubs up to about 6 dm.
tall. Plants very pungently
hispid. Corolla white, perhaps
faintly ochroleucous.

Eucalyptus *arvens* Parry

22.5

1500

Mentzelia (35)

photo # 7

9923 - May 3, 1964

Nevada, Clark Co.

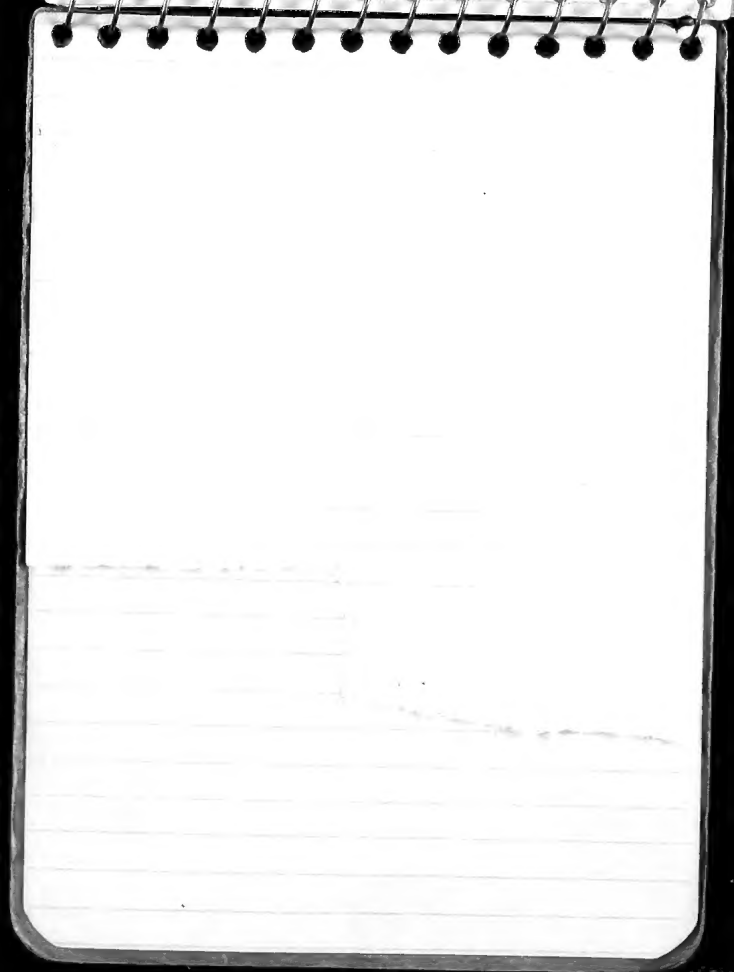
Same place as 9922

Shrubs up to about 8 dm. tall.
Leaves bright green, glutinous.
Corolla pale yellow, the anthers
brighter yellow.

Peucephyllum schottii Gray

516

Peucephyllum (35) photo #6



70 798-2 apogee

Warren
Brennan
Douglas
Black
Clark
Goldberg
White
Slawski 1

399. Salt, L's
471 San Lorenzo
516 machine

San Roberto 3

